

Facilities with repeat SNC highlighted

CO0046761, Black Hawk/Central City SD WWTF

- Violation
 - Compliance schedule violation in May 2017
- Compliance Advisories
 - Compliance advisory sent 8/18/17
- Facility corrective action measures
 - Black Hawk has been dealing with intermittent toxicity (different quarter each year) and attempting to identify toxicant.
 - Attempted accelerated in 2017 w/ spontaneous toxicity.
 - Attempted TIE May 2018 but toxicity disappeared. Based on limited information, conducting further tests via pH control.
 - 2018 Q2 and Q3 testing passed.

(b) (7)(A)

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CO0020508, Evans WWTF

- Violation
 - Ongoing BOD effluent violations
- Compliance Advisories
 - Notice of Significant Non-Compliance May 25, 2018
 - Facility has been diligent about sending cover letters with DMRs during the process of constructing the new consolidated facility.
- Facility corrective action measures
 - The \$38.4 million consolidation project is substantially complete and the new facility began operation on April 23, 2018.
 - Evans has started up the new mechanical plant and is successfully meeting preliminary effluent limits for the facility. Evans will continue to monitor against the PEL limits until a new permit is issued for the facility but is currently reporting on the DMRs for the Hill-N-Park (CO0047287) facility. The new plant was constructed at the Hill-N-Park facility and utilizes the same effluent outfall.
 - The renewed permit for the Hill-N-Park facility (CO0047287) will incorporate the newly constructed consolidated plant and will account for the flows from both facilities. The renewal permit is currently on public notice until November 13, 2018.

- The Evans WWTF (CO0020508) lift station came online on August 7, 2018, and the lagoons ceased discharging on August 15, 2018.
- The Evans WWTF will no longer discharge, however, Evans informed the Division that they do not currently have a plan in place or funding for full decommissioning of the facility so they will be unable to terminate the permit (CO0020508). Evans is currently budgeting for a decommissioning study and plan to be completed in 2019.
- (b)(7)(A) [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
- [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
- Other
 - Depending on the outcome of the public notice the renewed permit for the consolidated facility should be effective in early 2019.

CO0044849, City of Fort Morgan

- Violation
 - Delinquent DMR for MON-1(iron and manganese), January 2018
 - Deficient DMR for selenium and mercury, January 2018
- Compliance Advisories
 - Facility submitted cover letter explanation the DMR so no compliance advisory sent.
- Facility corrective action measures
 - The lab contracted for metals analysis failed to send the sample pack materials needed and the facility failed to recognize the mistake until it was too late to collect a sample. Fort Morgan has created a monthly maintenance check list and added a check to ensure the sample materials for the month are in house at the first of the month to avoid future failure to monitor situations.

- (b)(7)(A) [REDACTED]
 - [REDACTED]
 - [REDACTED]
- [REDACTED]
 - [REDACTED]

CO0046850, JD Phillips Water Reclamation Facility

- Violation
 - March 2018 DMR deficiencies for Cyanide and Nonylphenol

- Compliance Advisories
 - Facility submitted cover letter explanation with the data that was submitted through Net DMR, no compliance advisory sent.
- Facility corrective action measures
 - Facility updated sampling SOP so that samples are collected at the beginning of each month so that any corrections required for sampling mistakes can be corrected prior to the end of the monitoring period.
 - The cover letter stated: “The above-mentioned parameters were thought to have been collected with the Priority Pollutants in March but were in fact not. Those responsible for sample coordination and collection discussed that in order to avoid this mistake in the future, monthly parameters such as Total Cyanide and Nonylphenol are to be collected at the beginning of each month. The consistency in an earlier sampling time will act as a reminder to collect the sample and will allow enough time to correct any sampling mistakes before the monitoring period is over.”
 -
- WQCD enforcement response
 - The Division continues to monitor JD Phillips Water Reclamation Facility’s compliance but currently has no additional concerns with monitoring failures.
- Potential future non-compliance
 - No anticipated future non-compliance.

C00021261, City of La Junta

- Violation
 - Effluent violations of potentially dissolved Selenium at outfall 003A for January, February, and March 2018.
- Compliance Advisories
 - Notice of Significant Non-Compliance February 16, 2018.
- Facility corrective action measures
 - La Junta received a Discharger Specific Variance for Selenium. The standard from the DSV took effect March 1, 2017.
 - The La Junta applied for a permit modification to incorporate the DSV standard. The modification was approved and became effective September 1, 2018. Once the modification took effect, the selenium violations were manually resolved.
 - A status/progress report was due on July 31, 2018, and has not yet been received by the Division.
- WQCD enforcement response
 - An email inquiry into the status/progress report was sent to the Permittee on November 6, 2018, to ensure any confusion that may have resulted from the timing of the modification taking effect and the due date of the report can be resolved.

- La Junta sent the status/progress report shortly after the email was sent and apologized as they thought all future progress reports were due after the modification took effect on September 1, 2018. The report states construction of the new WWTF is currently listed as 76% complete. All major structures are complete with the various components being installed.

- (b)(7)(A)

CO0021164, Leadville Sanitation District

- Violation
 - Compliance Schedule: Activities to Meet Total Mercury Final Limits - Achieve Final Compliance with Emission or Discharge Limits Submit Study Results. Due date June 30, 2017.
- Compliance Advisories
 - August 18, 2017 (response received August 29, 2017)
 - November 22, 2017 (response received December 12, 2017)
- Facility corrective action measures
 - The facility discovered they were not monitoring with the correct method for detecting low-level mercury.
 - After discovering the error it was determined the facility likely would not be able to meet the final mercury limits reliably and consistently without additional investigation and possible improvements to the treatment process and collection system.
 - Leadville has determined the likely source of mercury is from ambient levels in the groundwater as there is a long history of mining in the area and the California Gulch superfund site, contaminated with mercury, is nearby.
 - Investigations into the integrity of the collection system are in the second phase and Leadville's engineers are formulating a plan to address inflow and infiltration as well as possibly locating other sources of mercury.
 - Anticipated return to compliance is unknown at this time.
- WQCD enforcement response
 - Notice of Violation / Cease and Desist Order issued 11/9/2018
- Potential future non-compliance
 - (b)(7)(A)

CO0040681, Lone Tree Creek WWTP

- Violation

- The QNCR shows multiple late reporting violations predominantly for phosphorous from January 2013 - April 2018.
- Compliance Advisories
 - No compliance advisories required.
- Facility corrective action measures
 - During a 5/17/18 Compliance Evaluation Inspection it was discovered the facility was reporting monthly totals for phosphorous (lbs/mo) but they should have been reporting daily totals (lbs/day). The facility revised the DMR data, most of which was in Net DMR. The data was not reported late per se, but was corrected once the reporting error was identified.
- (b)(7)(A) [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

CO0036757, Northglenn WWTF

- Violation
 - Multiple deficient DMRs for temperature and selenium for outfall 007A for monitoring periods May 2016 - July 2018.
- Compliance Advisories
 - No compliance advisories for this issue.
- Facility corrective action measures
 - The facility typically has no discharge from outfall 007A but recently had data to report and identified the parameters for temperature and selenium were not on the DMR/Net DMR forms. The Division corrected the DMRs to include all of the parameters listed in the Permit. Northglenn is currently working to revise the DMR data to include the monitoring that was completed.
- (b)(7)(A) [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

CO0040053, Persigo WWTF

- Violation
 - Delinquent USTA-1 DMR for July 2018
- Compliance Advisories
 - No compliance advisory sent, facility included cover letter with DMRs explaining failure to monitor.
- Facility corrective action measures

- The facility was required to report instream temperature monitoring beginning July 1, 2018, but a failure in the newly installed temperature probe resulted in a failure to record the data. The probe has been repaired and no additional reporting issues have occurred.
- (b)(7)(A) [REDACTED]
 - [REDACTED]
 - [REDACTED]
- [REDACTED]
 - [REDACTED]

CO0041092, Pinery WWTF

- Violation
 - Multiple deficiencies for December 2017 DMR.
- Compliance Advisories
 - No compliance advisory sent. Issue was identified during a Compliance Inspection.
- Facility corrective action measures
 - In the February 7, 2018, inspection findings response letter the operator states, “... it was brought to my attention that my understanding of a “DMR month” was not correct. After a detailed conversation with the CDPHE inspector, I now see the error in my understanding. The primary issue is the date that I collected my required sample for the parameters of BOD and metals requiring one monthly composite sample. They needed to be collected during the DMR calendar month and not during a week that is split between two calendar months. ...”
 - Following the inspection a new sampling SOP was created for the facility
- (b)(7)(A) [REDACTED]
 - [REDACTED]
 - [REDACTED]
- [REDACTED]
 - [REDACTED]

CO0040789, Pueblo West Metro District WWTF

- Violation
 - June 2018 quarterly DMR was deficient for cyanide, iron, beryllium, and molybdenum data.
- Compliance Advisories
 - No compliance advisory sent, the facility addressed the failure to monitor with their Net DMR submission and corrected the monitoring issue.
- Facility corrective action measures
 - Facility provided the following note with their Net DMR submission: “Q2 samples and/or tests for cyanide, iron, beryllium, and molybdenum appear to

not have been tested for by the lab. The lab also appeared to have been shorted one bottle of effluent sample to run these tests. R.F. I spoke with Eric Mink of CDPHE about this issue, over the phone, during the week of July 16, 2018. His recommendation was to come up with a plan to prevent this from happening again, which is why I created a new month-to-month sampling plan below. Please see the attached month-by-month sampling schedule, which I have sent to our lab services provider.”

- (b)(7)(A) [REDACTED]
[REDACTED]
[REDACTED]
- [REDACTED]
[REDACTED]

CO0044458, Regional WWTF (Alamosa)

- Violation
 - Effluent violations for total recoverable Arsenic at outfall 001A for October 2017 through September 2018.
- Compliance Advisories
 - Notice of Significant Violation:
 - December 22, 2017
 - January 19, 2018
 - February 16, 2018
 - March 16, 2018
- Facility corrective action measures
 - Facility applied for a permit modification to allow for completion of the project to relocate the outfall, which will allow the facility to take advantage of a dilution credit that will make it possible for the facility to achieve the arsenic limits.
 - During the plans review it was discovered that the outfall would be approximately 300 feet short of entering the Rio Grande River, which is required in order to receive the dilution credit.
 - Alamosa is currently working with Division staff to resolve the outfall location issues.
 - Design has been updated and approved by the Army Corp of Engineers and the Division.
 - Anticipated return to compliance date is unknown at this time but should be in 2019.
 - Alamosa has committed to resolving the issues as soon as possible but unfortunately, contractors and materials will/were not ready to mobilize prior to the end of the construction season in Alamosa. Alamosa has difficulty with any construction in the ground due to the extreme cold temperatures experienced in the winter.
- (b) (7)(A) [REDACTED]

- The Division approved the outfall relocation but denied the compliance schedule extension stating, “The modification application was received on May 23, 2017, and therefore the division has 180 days from this date to act on the modification request. The modification request made by the City of Alamosa is considered a major amendment, and will take significant time to complete. Major amendments are also subject to public notice and comments. The division does not have enough time to complete the modification and public notice the final permit documents before the passage of the October 1, 2017 compliance schedule deadline. The Division must therefore deny the request for extension of the existing compliance schedule for arsenic, trivalent chromium, hexavalent chromium, copper and silver.” However, the Division issued the permit modification with a major amendment for the outfall relocation on September 30, 2017, and the modification took effect on October 1, 2017.

- (b)(7)(A) [REDACTED]

C00048151, Rifle Regional WW Reclamation Facility

- Violation
 - Effluent copper exceedances at 001A for the months of June, July, and August 2018
 - Deficient 001Q June 2018 DMR for iron and selenium
 - Deficient 001A May 2018 DMR for Nonylphenol
- Compliance Advisories
 - September 21, 2018
- Facility corrective action measures
 - In a letter dated August 8, 2018, Rifle states they have been unable to identify the sporadic source of the copper, but they continue to work with their engineers to identify the problem in order to maintain consistent compliance with effluent limitations. Additionally they have implemented a collection system sampling program as it has been determined the facility only removes 1% of the copper so copper essentially passes through the plant. The service area includes a large number of restaurants and an RV/camper dump station. The City has requested additional police patrols to check for illicit dumpers at the RV station at night. Additionally the City is experiencing an increase in septic truck deliveries to the plant and as a result, they have increased septic truck sampling.

- The City is diligently working to identify the source of the sporadic copper spikes in order to maintain compliance and has been in regular communication with the Division when exceedances occur.
- In a letter dated July 23, 2018, the facility explains there was some personnel turnover which resulted in failing to collect all of the quarterly samples. In response the facility has developed better sampling check lists to help prevent missing sampling requirements if there are future personnel issues.
- No data for Nonylphenol due to a mishap in the lab. sample bottle broke and sample was lost while in lab and the facility was not notified until after the end of the May monitoring period.
- (b)(7)(A) [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
- [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]

CO0024392, Security Sanitation District WWTF

- Violation
 - Compliance Schedule: Commence required Work or On-Site Construction
- Compliance Advisories
 - December 22, 2017
- Facility corrective action measures
 - Security has always maintained they will be able to meet the final limits with the completion of the final compliance schedule milestone.
 - Security successfully received a permit modification to realign the milestones with their construction schedule.
 - Permit modification took effect July 1, 2018.
 - Work on demolition of existing electrical pipeline and structures to accommodate new construction commenced on September 24, 2018.
- (b)(7)(A) [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
- [REDACTED]
 - [REDACTED]
 - [REDACTED]

C00027545, Southwest WWTF

- Violation
 - Delinquent 300I DMRs for the monitoring periods of May 2017, December 2017, January 2018, March 2018, and July 2018
 - Deficient 001A DMRs for
- Compliance Advisories
 - October 12, 2018
 - September 7, 2018
 - July 13, 2018
 - June 8, 2018
 - May 25, 2018
 - April 6, 2018
 - March 9, 2018
- Facility corrective action measures
 - Some of the deficient/delinquent parameters addressed in the compliance advisories were submitted, but were late.

- (b)(7)(A) [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
- [REDACTED]
 - [REDACTED]
 - [REDACTED]

C00026247, City of Sterling

- Violation
 - Groundwater Compliance Schedule: Activities to Meet T.I.N. Final Limits
 - Delinquent May 2018 DMR for monitoring location 050D
- Compliance Advisories
 - April 21, 2017
- Facility corrective action measures
 - Sterling ceased discharging to the groundwater basins on November 1, 2017, and there is not T.I.N. monitoring requirement for the surface water discharge.
 - Anticipated return to compliance is unknown at this time.

- (b)(7)(A) [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]

- (b)(7)(A) [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]

CO0031232, Trinidad WWTF

- Violation
 - 300I deficient DMRs for influent flow and percent organic loading capacity for the months of September through November 2017.
- Compliance Advisories
 - Facility included comments regarding the flow meter issue with the submission in Net DMR, no compliance advisory sent.
- Facility corrective action measures
 - In the Net DMR comments Trinidad states, “Influent Totalizer PLC Broken new one ordered and installed 11/16/17”
- (b)(7)(A) [REDACTED]
 - [REDACTED]
 - [REDACTED]
- [REDACTED]
 - [REDACTED]
 - [REDACTED]

CO0040142, Upper Fraser Valley TP

- Violation
 - July 2018 deficient 001A DMR for total dissolved solids (intake public water).
 - Compliance Schedule: Activities to Meet Total Dissolved Copper - Achieve Final Compliance with Emission or Discharge Limits Submit Study Results Showing Compliance Attained; due April 30, 2017.
- Compliance Advisories
 - October 12, 2018
 - February 16, 2018
- Facility corrective action measures
 - Revised DMR with total dissolved solids data for July 2018 was received on November 2, 2018, and is currently in the data entry process.
 - Fraser received approval for their Site Location Amendment from the Division on August 14, 2018 for additional metals and phosphorus removal treatment.
 - The permit was modified and became effective on January 1, 2017 to include revised (and less stringent) copper limitations. Fraser has been in compliance with the new permit limitations with the monthly copper limits. The

completion of the metals and phosphorus removal treatment modifications will provide a greater degree of confidence the facility will be able to meet the copper limitations reliably and consistently.

- (b)(7)(A)

CO0021369, Vail WWTF

- Violation
 - Deficient October 2016 001A DMR for temperature.
- Compliance Advisories
 - No compliance advisory, data was submitted timely.
- Facility corrective action measures
 - Facility submitted data through Net DMR on November 16, 2016. Violation was manually resolved by state.
- WQCD enforcement response
 - N/A
- Potential future non-compliance
 - No future non-compliance is anticipated.

CO0031755, Vista WWTF

- Violation
 - Deficient June 2018 001Q DMR for total dissolved solids.
 - Deficient September 2016 300Q DMR for BOD, 5-day, 20 deg C
 - Deficient September 2016 300I DMR for influent flow and percent organic loading capacity.
 - Deficient September 2016 001A DMR for effluent flow.
- Compliance Advisories
 - September 7, 2018
- Facility corrective action measures
 - In a cover letter dated November 7, 2016, the facility explained the deficient September 2016 DMR data was a result of a failure of the effluent flow meter.

(b)(7)(A)

CO0020320, Town of Windsor

- Violation
 - Total Phosphorus effluent exceedances August 2017 through August 2018 (annual rolling avg)
- Compliance Advisories
 - December 22, 2017
 - February 16, 2017
 - March 16, 2017
 - May 25, 2018
- Facility corrective action measures
 - The Town completed improvements to meet phosphorus limits on October 20, 2017 and chemical feed began on October 25, 2017.
 - The facility has achieved effluent phosphorus results under the permit limit of 1.0 mg/L but the annual rolling average will require additional time to return to compliance. The facility does not anticipate any additional monthly limit exceedances and should mathematically return to compliance in the next month or two.

• (b)(7)(A)

C00047091, Woodmen Hills

- Violation
 - Ongoing BOD effluent violations and WET issues
- Compliance Advisories
 - Notice of Non-Compliance May 25, 2018
- Facility corrective action measures
 - Woodmen Hills continues construction on new mechanical plant to meet permit limits at the facility. Completion was anticipated October 31, 2018 but Woodmen Hills recently requested an extension to the completion date for the loss of a subcontractor and construction delays.

(b)(7)(A)

CO0048445, Erie North Water Reclamation Facility

- Violation
 - Ongoing effluent exceedances of potentially dissolved copper 2-year rolling average
- Compliance Advisories
 - Compliance advisories have not been sent as a result of the facility consistently submitting a cover letter with an explanation/update regarding the exceedance of the 2-year rolling average for copper.
- Facility corrective action measures
 - Erie is currently working on an expansion project and has received updated Preliminary Effluent Limits which eliminate the 2-year rolling average for copper.
 - Erie has also contacted a consultant to work on a corrosion control study in a continuing effort to minimize the amount of copper entering the facility through the drinking water system.
 - As a result of the corrosion control study, the facility states it is effectively controlling pH in the Distribution system to help limit the influent copper to the wastewater facility.
 - In a letter dated September 24, 2018 the facility states, “We are hopeful that in the next four months with continued low results this issue will be resolved.”

(b)(7)(A)

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CO0027707, Swift-Beef Lone Tree


- Violation
 - Compliance schedule violation in October 2017
 - July 2018 002A DMR missing
 - June 2018 Ammonia SNC
- Compliance Advisories
 - Compliance advisory sent 9/21/18
- Facility corrective action measures
 - JBS has installed a brine evaporator but has unable to run at full capacity due to air issues. A full size air scrubber was completed in late August 2018. JBS has seen improved influent numbers as a result of the scrubber but effluent numbers have been lower than expected.
 - JBS believes there may be residual issues with anaerobic zone so further time may be needed.
 - JBS also plans to tweak operation of the scrubber to improve performance.

- WQCD enforcement response
 - Enforcement has been working with JBS and will continue to monitor progress on the scrubber project and effluent improvement.

CO0000591, Black Cloud Mine

- Violation
 - Compliance Schedule Violation- Failure to meet final limits
- Compliance Advisories
 - None
- Facility corrective action measures
 - Facility is not operational and does not discharge so no data available to demonstrate compliance with final limits

(b)(7)(A)

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CO0038334, London Mine

- Violation
 - Ongoing effluent violations
- Compliance Advisories
 - N/A
- Facility corrective action measures
 - Drilling activities have altered flow regime so path outlined in Settlement Agreement will need to be altered to analyze the impact to the receiving water

(b)(7)(A)

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- Other
 - Violations that occurred after entry of Settlement Agreement (8/2016) have been manually resolved

CO0041351, Western Sugar Ft. Morgan Facility

- Violation
 - Multiple ongoing effluent violations
- Compliance Advisories

- N/A- under an enforcement action
- Facility corrective action measures
 - Submitted final design basis report to Division in October- working with City of Ft. Morgan on pre-treatment with discharge to City as preferred wastewater management option.
 - Anticipated return to compliance date (2021)
- WQCD enforcement response
 - Facility is under judicial enforcement action
- Potential future non-compliance
 - Effluent violations will continue to occur until final wastewater management strategy fully implemented
- Other
 - N/A

COS000005, CDOT MS4

- Violation
 - 2017 annual report shown as not received
- WQCD enforcement response
 - Report was received on time and has been entered as received in ICIS.